

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference JH/m1000065wo	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 00/ 01368	International filing date (day/month/year) 18/02/2000	(Earliest) Priority Date (day/month/year) 19/02/1999
Applicant THERAGENE BIOMEDICAL LABORATORIES GMBH et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☒ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

1



None of the figures.

INTERNATIONAL SEARCH REPORT

In. ational Application No

PCT/EP 00/01368

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/12 C12N15/57 C12N15/67 C12N15/85 C12N9/64
C07K14/72 C12Q1/68 A61K48/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C07K C12Q A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	WO 94 28150 A (UNIV MCGILL) 8 December 1994 (1994-12-08) page 5, line 1 - line 11 page 6, line 34 - page 7, line 10 page 6, line 24 - line 28 page 10, line 20 - line 25 page 14, line 14 - line 19 claims 1-11 --- -/--	1, 2, 6, 7, 11, 29, 30 3-5, 8, 9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search

6 June 2000

Date of mailing of the international search report

26/06/2000

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

Int. l. Application No

PCT/EP 00/01368

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	V. BOONYARATANAKORNKIT ET AL.: "High-mobility group chromatin proteins 1 and 2 functionally interact with steroid hormone receptors to enhance their DNA binding in vitro and transcriptional activity in mamalian cells" MOL. CELL. BIOL., vol. 18, no. 8, August 1998 (1998-08), pages 4471-4487, XP002139580 ASM WASHINGTON, DC,US cited in the application the whole document	1,2,7
X	WO 94 17182 A (RES INST OF THE PALO ALTO MEDI ;LEAVITT JOHN C (US)) 4 August 1994 (1994-08-04) page 16, line 30 - line 36 page 17, line 1 - line 3; claims 1-16	1,2,6,7, 11,29,30
X	WO 93 20218 A (CONNAUGHT LAB ;FILMUS JORGE (CA); KLEIN MICHEL (CA)) 14 October 1993 (1993-10-14) the whole document	1,2,6,11
Y	WO 94 29471 A (GENETIC THERAPY INC) 22 December 1994 (1994-12-22) the whole document	3-5,8,9
A	WO 93 23431 A (BAYLOR COLLEGE MEDICINE) 25 November 1993 (1993-11-25) cited in the application the whole document	
A	BEATO M ET AL: "Transcriptional regulation by steroid hormones" STERIODS: STRUCTURE, FUNCTION, AND REGULATION,US,ELSEVIER SCIENCE PUBLISHERS, NEW YORK, NY, vol. 61, no. 4, 1 April 1996 (1996-04-01), pages 240-251, XP004026583 ISSN: 0039-128X the whole document	
A	BEATO M: "GENE REGULATION BY STEROID HORMONES" CELL,US,CELL PRESS, CAMBRIDGE, NA, vol. 56, no. 3, 10 February 1989 (1989-02-10), pages 335-344, XP000051659 ISSN: 0092-8674 the whole document	

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INTERNATIONAL SEARCH REPORT

In. ational Application No
PCT/EP 00/01368

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KURACHI S. ET AL: "Regulatory mechanism of human factor IX gene: Protein binding at the Leyden-specific region." BIOCHEMISTRY, (1994) 33/6 (1580-1591). , XP002139581 the whole document</p> <p style="text-align: center;">---</p>	
A	<p>CROSSLEY M. ET AL: "Recovery from hemophilia B Leyden: An androgen-responsive element in the factor IX promoter." SCIENCE, (1992) 257/5068 (377-379). , XP002139582 the whole document</p> <p style="text-align: center;">-----</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 00/01368

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9428150 A	08-12-1994	US 5512483 A	30-04-1996
		AU 6791894 A	20-12-1994
WO 9417182 A	04-08-1994	AU 6087694 A	15-08-1994
WO 9320218 A	14-10-1993	AU 3883393 A	08-11-1993
		BR 9306167 A	13-01-1998
		EP 0633941 A	18-01-1995
		FI 944451 A	26-09-1994
		JP 2701983 B	21-01-1998
		JP 7501456 T	16-02-1995
		NO 943610 A	30-11-1994
		US 5559027 A	24-09-1996
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		JP 8511423 T	03-12-1996
		US 5935935 A	10-08-1999
WO 9323431 A	25-11-1993	US 5364791 A	15-11-1994
		AU 685054 B	15-01-1998
		AU 4241793 A	13-12-1993
		AU 6065198 A	02-07-1998
		CA 2135644 A	25-11-1993
		EP 0745121 A	04-12-1996
		JP 7509694 T	26-10-1995
		US 5935934 A	10-08-1999
		US 5874534 A	23-02-1999